

IN THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the application.

1. (original) A system architecture for an internet telephone gateway server, comprising:

hardware for interfacing with the internet and a public switched telephone network; and

software for connecting telephone calls between transmitters and receivers, said software

having the capability of dynamically changing a level of redundancy of a forward
error correction algorithm from packet-to-packet in a data stream so as to

accommodate data dropouts,

whereby aural data in a packet is entirely duplicated to maintain the voice quality present

prior to the data dropout.
2. (original) The system architecture of claim 1, wherein said gateway server supports full

duplex voice transmission with a latency of less than 500 milliseconds.
3. (original) The system architecture of claim 1, wherein said software has the capability of

dynamically varying the size or bundling of a data packet from packet-to-packet.
4. (original) The system architecture of claim 1, wherein said software has the capability of

dynamically varying from one codec to another codec from packet-to-packet.
5. (original) The system architecture of claim 1, wherein said software varies the size or

bundling of data packets from packet-to-packet.
6. canceled